Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A film or membrane forming mixture for treating at least one of a soil surface ~~and/~~or a soil mass, the mixture comprising ~~a mixture spread over the soil surface and/or arranged in the soil mass to be treated in such manner that a layer in the form of a film or membrane on the surface and/or some distance down in the soil to be treated is formed,~~

~~—the mixture including~~ a basic powder mixture of a water-soluble, dried and ground organic raw material, a ~~film or membrane forming~~ thickening agent and a pigment, ~~; and~~

—the basic powder mixture including at least one component which has a sufficient antioxidising effect to ensure that ~~the~~ a formed film or membrane has an antioxidising effect on the surroundings;

wherein the film or membrane is formed on at least one of the soil surface or the soil mass at some distance down in the soil mass when the mixture is either spread over the soil surface or arranged in the soil mass.

2. (Previously Amended) A mixture according to claim 1, wherein the powder mixture is saturated with electrons to at least electrical neutrality.

3. (Previously Amended) A mixture according to claim 2, wherein the powder mixture is oversaturated with electrons and has an excess of negative electric charges.

4. (Currently Amended) A mixture according to claim 1, wherein the basic mixture ~~includes~~ further comprises a growth medium for microalgae.

5. (Previously Amended) A mixture according to claim 1 wherein the basic mixture comprises from 1 to 50 parts by weight of organic raw material, 0.1 to 60 parts by weight of thickening agent and from 2-50 parts by weight of pigment.

6. (Currently Amended) A mixture according to claim 4, wherein the basic powder mixture contains from 0.1 to 10 parts by weight of microalgae.

7. (Currently Amended) A mixture according to claim 1, wherein the organic raw material is any material originating from the natural environment, the animal or plant kingdom, and that, in a dried and ground state, it contains fibres and adhesive compounds so that the material will function as a binder in the resulting film or membrane.

8. (Currently Amended) A mixture according to claim 7 wherein the raw organic material comprises substantially natural~~,~~ industrial ~~and/~~or household waste, the waste being organic or biological ~~waste~~.

9. (Currently Amended) A mixture according to claim 8, wherein the waste is vegetable debris that is at least one of dried and ground seaweed, sea grass ~~and/~~or kelp, and that 3 to 6 parts by weight thereof are used in the basic mixture.

10. (Currently Amended) A mixture according to claim 9, wherein sea grass ~~preferably~~ comprises at least one of the species Spartina ~~and/~~or reeds.

11. (Currently Amended) A mixture according to claim 1, wherein the thickening agent is xanthan or xanthan gum, ~~and that that~~ the xanthan or xanthan gum ~~is~~ being added in an amount of from 0.1 to 6 parts by weight.

12. (Currently Amended) A mixture according to claim 11, wherein the thickening agent comprises ~~is~~ one or more alginates, the alginates being ~~that are~~ admixed and ~~replace~~ replacing at least ~~a~~ part or all of the xanthan or xanthan gum~~, or that the one or more alginates replace all the xanthan or xanthan gum~~.

13. (Canceled)

14. (Currently Amended) A mixture according to claim 1, wherein the pigment is a dry powder having light characteristics for forming ~~when it is desired to form~~ a film or membrane having a high degree of reflection~~,~~ the pigment comprising one or more ~~of~~ substances selected from the group consisting of ~~the following materials in dry powder form are used as pigments:~~ stone, lime, sand, clay, chalk, shells, white mineral pigments ~~such as TiO_2~~, titanium oxide, white plant dyes, and~~/or~~ white plant fibres ~~such as cotton, bog cotton or algae based components having light characteristics~~, the pigments being ~~and that the pigments are~~ added in an amount of from 0.1 to 25 parts by weight~~, preferably from 0.1 to 10 parts by weight~~.

15. (Currently Amended) A mixture according to claim 1, wherein the pigment is a dry powder having dark characteristics for forming ~~when it is desired to form~~ a film or membrane having a low degree of reflection, the pigment comprising one or more ~~of the following materials in dry power form are used:~~ substances selected from the group consisting of ash, coal, soot, carbon black, graphite, ~~and other known forms of~~ elementary carbon, ~~and other pigments such as~~ ochre, bone, animal shells, marine shells, fish-scales, mineral pigments, plant dyes, plant pigments ~~or~~ and algae-based components ~~having dark characteristics~~, ~~and that~~ the pigments ~~are~~ being added in an amount of from 0.1. to 25 parts by weight~~, preferably from 0.1 to 10 parts by weight~~.

16. (Canceled)

17. (Canceled)

18. (Currently Amended) A mixture according to claim 1, wherein the basic powder mixture further comprises one or more substances selected from the group consisting of ~~has added thereto one or more of the following additives:~~ binders, preservatives, fertilisers, water stabilisers, mineral salts, pH regulators, antioxidants and~~/or~~ electrically conductive substances.

19. (Canceled)

20. (Currently Amended) A mixture according to claim 18, wherein the binders comprise organic glue and adhesive agents having a high protein content, the organic glue and adhesive agents being one or more substances selected from the group consisting of ~~preferably~~ albumin glue, casein glue, animal glue, agar, alginic acid, ground acorn barnacles, latex and~~/or~~ sap, ~~and that~~ the binders being ~~are~~ added in an amount of from 0.1 to 15 parts by weight~~, preferably 0.1 to 5 parts by weight~~.

21. (Canceled)

22. (Previously Amended) A mixture according to claim 20, wherein the binders further comprise one or more fibres selected from the group consisting of cellulose fibre, plant fibre, textile fibre, animal fibre and reinforcing fibre, and that the fibre materials are added in an amount of from 0.5 to 30 parts by weight.

23. (Canceled)

24. (Currently Amended) A mixture according to claim 18, wherein the fertiliser agents comprise one or more fertilisers selected from the group consisting of animal manure, fish guano, guano, urea, inorganic nutrient salts and micronutrients, ~~and that~~ the fertiliser materials ~~are~~ being added in an amount of from 0.1 to 20~~, preferably 0.1. to 15, and more preferably 0.1 to 5~~ parts by weight of dry powder.

25. (Canceled)

26. (Currently Amended) A mixture according to claim 18, wherein the electrically conductive additives comprise one or more substances selected from the group consisting of readily soluble mineral salts, ash, and~~/or~~ carbon fibres, ~~and that~~ the electrically conductive substances ~~are~~ being added in an amount of from 0.1 to 15~~, preferably 0.1 to 5~~ parts by weight of dry powder.

27. (Canceled)

28. (Currently Amended) A mixture according to claim 18, wherein the water stabilisers comprise one or more substances selected from the group consisting of plant oils, mucilage, organic waxes and organic oils, ~~and that~~ the water stabilisers ~~are~~ being added in an amount of from 0.1 to 80~~, preferably from 0.1 to 25, and more preferably from 0.1 to 5~~ parts by weight of dry powder.

29. (Canceled)

30. (Currently Amended) A mixture according to claim 18, wherein the pH regulators comprise one ~~of~~ or more substances selected from the group consisting of sap, basic minerals, ash, and salts of the alkaline and alkaline earth metals, ~~and that~~ the pH regulator ~~is~~ being added in an amount of from 0.1 to 50~~, preferably from 0.1 to 10~~.

31. (Canceled)

32. (Currently Amended) A mixture according to claim 30, wherein the pH regulators are added in such quantity that the resulting membrane or film has a pH that is greater than 5~~, preferably in the range of pH 5 to 10~~.

33-56. (Canceled)

57. (Canceled)

58. (New) A film or membrane forming mixture for treating a soil mass, the mixture comprising:

(a) a basic powder mixture comprising:

(i) a water-soluble, dried and ground organic raw material; and

(ii) at least one component which has a sufficient antioxidising effect to ensure that a formed film or membrane has an antioxidising effect on the surroundings;

(b) a thickening agent; and

(c) a pigment;

wherein at least a portion of the film or membrane is formed at some distance down in the soil mass when the mixture is either spread over the soil surface or arranged in the soil mass.

58. (New) A mixture according to claim 12, wherein the alginates replace all of the xanthan or xanthan gum.

59. (New) A mixture according to claim 14, wherein the white plant fibers are one or more substances selected from the group consisting of cotton, bog cotton or algae based components.

60. (New) A mixture according to claim 14, wherein the pigments are added in an amount from 0.1 to 10 parts by weight.

61. (New) A mixture according to claim 15, wherein the pigments are added in an amount from 0.1 to 10 parts by weight.

62. (New) A mixture according to claim 18, wherein the binders are added in an amount from 0.1 to 5 parts by weight.

63. (New) A mixture according to claim 24, wherein the fertiliser materials are added in an amount from 0.1 to 15 parts by weight.

64. (New) A mixture according to claim 63, wherein the fertiliser materials are added in an amount from 0.1 to 5 parts by weight.

65. (New) A mixture according to claim 26, wherein the electrically conductive substances are added in an amount from 0.1 to 5 parts by weight of dry powder.

66. (New) A mixture according to claim 28, wherein the water stabilisers are added in an amount from 0.1 to 25 parts by weight of dry powder.

67. (New) A mixture according to claim 66, wherein the water stabilisers are added in an amount from 0.1 to 5 parts by weight of dry powder.

68. (New) A mixture according to claim 30, wherein the pH regulators are added in an amount from 0.1 to 10.

69. (New) A mixture according to claim 32, wherein the resulting membrane or film has a pH that is in the range of pH 5 to 10.